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(54) Title: METHOD OF CREATING VOB IN HD-DVD SYSTEM

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**(57) Abstract:** Disclosed is a method of creating video object units (VOBU) in high-definition DVD (HD-DVD) systems. HD enhanced data in the form of data packets are multiplexed and stored with standard-definition (SD) data in a VOB. In the VOB, the space where the video packet (V-PCK) and the for SD data related video packet (V-PCK-HD) for HD-enhanced data are stored is shortened as possible. This will increase the efficiency of a future enhanced DVD video player that supports the HD-DVD optical disc format to fetch, decode and synchronize the SD and HD enhanced data. Furthermore, the optical disc created in this kind of data storing has good backward compatibility.

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